

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 9/16, 47/48		A2	(11) International Publication Number: WO 97/39738
			(43) International Publication Date: 30 October 1997 (30.10.97)
(21) International Application Number: PCT/IE97/00030		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 22 April 1997 (22.04.97)		Published Without international search report and to be republished upon receipt of that report.	
(30) Priority Data: 960308 23 April 1996 (23.04.96) IE			
(71) Applicant (for all designated States except US): KINERTON LIMITED [IE/IE] ; Blanchardstown Industrial Park, Blanchardstown, Dublin 15 (IE).			
(72) Inventors; and (75) Inventors/Applicants (for US only): IGNATIUS , Francis [IN/US]; 2 Shadowbrook Lane #52, Milford, MA 01757 (US). LOUGHMAN , Thomas, Ciarán [IE/IE]; 63 Foxfield Avenue, Raheny, Dublin 5 (IE). SHALABY , Shalaby, W. [US/US]; 6309 Highway 187, Anderson, SC 29670 (US). TOURAUD , Franck, Jean-Claude [FR/FR]; Hameau de Normandie, 23, rue de la Vallée, F-27200 Vernon (FR).			
(74) Agent: ANNE RYAN & CO. ; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).			
(54) Title: SUSTAINED RELEASE IONIC CONJUGATE			
(57) Abstract <p>A method of spherifying a sustained release ionic conjugate which contains a free carboxyl group-containing biodegradable polymer and a free amino group-containing drug which are ionically bonded to each other.</p>			